

## Climate Prediction Center's Hispaniola Hazards Outlook April 21 – April 27, 2016

Increased rains received across southern and central departments of Hispaniola.



Compared to the last few weeks, an increase in spring rains were received during the last seven days, which brought favorable amounts of early season moisture across parts of southern Haiti, as well as, across southern and central Dominican Republic. Light to locally moderate weekly rainfall totals were received for many other areas throughout northern Hispaniola. Despite the favorable increase in shower activity, below average weekly rainfall across parts of northern and central Hispaniola has led to strengthening of early season moisture deficits. Since late March, many local areas in northern and central Haiti are experiencing less than a quarter of their normal rainfall accumulation, with a below-average number of days of rain during the same timeframe. Both infrequent and low rainfall totals may negatively impact ground conditions, and delay planting of seasonal crops. Remotely sensed vegetation indices depict generally neutral conditions across many areas in Haiti and Dominican Republic, however, some deterioration has been observed over some areas in the Centre, Nord, and Nord-Est departments of Haiti. For the upcoming outlook period, precipitation models suggest the mainly seasonable rainfall during the end of April, with the potential for locally heavier amounts of precipitation are likely throughout central and southern Hispaniola. However, more enhanced rainfall is needed over the new few weeks to help offset rainfall deficits in the north.